

From: [Cassidey, LeRoy](#)
To: [Moore, Gary](#)
Cc: daniel.tighe@westonsolutions.com; [Crawford, Beth](#)
Subject: RE: ST1 and ST6
Date: Wednesday, February 11, 2015 8:53:54 AM

Gary:

I will get with Daniel to work on this. I am also getting a price from Test America for a pH on the two tanks.

LeRoy

From: Moore, Gary [mailto:Moore.Gary@epa.gov]
Sent: Wednesday, February 11, 2015 8:41 AM
To: Cassidey, LeRoy; Tighe, C. Daniel; Bernier, Roberto
Subject: CES: ST1 and ST6

Leroy/Daniel:

We need to determine the following from ST1 and ST6.

- 1. How much sludge do we have?**
- 2. Does it flow liquid or sludge from the bottom valve?**
- 3. What is the pH of ST1 and ST6 individually? (pH paper)**
- 4. Are they compatible?(Field Compatibility Test and resulting pH)**
- 5. Check with Clean Harbors on the acceptable micron size for material going through their 1 inch stainless line.**
- 6. Check with Clean Harbors to see what chemicals we could add to neutralize without messing up the profile for disposal (if we wanted to do this?)**

Note: We only want to send liquids to Clean Harbors for the direct burn since they will be doing it through a 1 inch stainless steel line (we don't want to cause it to plug).

I am thinking that we may want to draw off the liquids through a high micron screen ((based upon Clean Harbors recommends) and into another tank and let the materials react out in the tank rather than in the vacuum truck. This is a much safer option in my opinion. The liquids would then be ready for Clean Harbors to pick up without issue. Another option would be to combine ST6 with ST1 and let it react out and then draw the liquids off of ST1.

Items 1-6 above can be done now before we conduct any operations.

Please review above thoughts and lets start working this issue so we can hopefully get this material off the site and get these tanks cleaned out.

Thanks

Gary Moore

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